



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. James Filippini
Mr. Douglas Lamb
Water Division Compliance Branch
United States Environmental Protection Agency, Region V
77 West Jackson Boulevard (WC-15J)
Chicago, Illinois 60604-3590

September 22, 2011
PJ/DW

RECEIVED

SEP 28 2011

**WATER ENFORCEMENT & COMPLIANCE
ASSURANCE BRANCH, EPA, REGION 5**

**Subject: Annual Dock Wall Observation and Repair
Consent Decree – Case No. 2:96-CV-96-RL-1
ArcelorMittal Burns Harbor LLC**

Dear Messrs. Filippini and Lamb:

Attachment 1 is the summary report of the annual dock wall inspection for 2011. This document summarizes the results of the annual dock wall observation that was conducted on August 24, 2011 and August 26, 2011 by Weaver Boos Consultants, LLC, a contractor to ArcelorMittal Burns Harbor, as required by Paragraph 21 of the subject decree.

During the annual observation, six (6) locations were found along the dock wall with discernible discharges of flowing water. An oral notification regarding these findings was made to Ms. Jennifer Jungmann (EPA 5 Water Division) and Ms. Susan Prout (EPA 5 Office of Regional Counsel) by T. E. Kirk on August 25, 2011.

All of the locations were found in the coffer dam section of the dock wall. The height above the Lake Michigan level and the estimated flow from each location is noted in Attachment 1.

Samples were obtained from all locations and submitted to a contract analytical laboratory for nitrogen-ammonia analysis. The results of these analyses are provided in Attachment 2. The results are also summarized in the Attachment 1 table and used to estimate the amount of ammonia discharged, on a daily basis, from these locations.

Digital photographs of each of the locations were also obtained and are provided in Attachment 3.



ArcelorMittal

The sealing of the locations from the harbor side of the dock wall began on September 17, 2011 with an expected completion date of September 30, 2011. Photographs of the locations after repair/sealing will be provided in a separate report.

No one particular cause for the discharges was identified. Because all of the discharges were observed along the coffer dam section of the harbor wall and the nitrogen-ammonia concentration from the bulk of the discharges is well below the concentration of the groundwater being captured by the dewatering well system (i.e., average of 9.2mg/L), it is surmised that these concrete cellular revetments were discharging accumulated stormwater runoff that had inadvertently seeped through the caps of these structures. Therefore, the source of the water is not groundwater that is adequately being controlled by the dewatering well system. Based on the ammonia concentrations and estimated flows summarized in Attachment 1, less than one quarter pound of ammonia per day was being discharged to the harbor from all 6 locations. Notwithstanding, Burns Harbor responded as quickly as possible to the identification of the locations in order to timely minimize and/or eliminate any potential impact.

If there are any questions concerning this matter, please contact T. E. Kirk or me at (219) 787-2712.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and that I have made a diligent inquiry of those individuals immediately responsible for obtaining the information and that to the best of my knowledge and belief, the information submitted herewith is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Very truly yours,

R. A. Maciel, Manager
Environmental Management Department

Attachments

CC: J. Jungmann, EPA Region 5 Water Division (WC-15J)

ArcelorMittal Burns Harbor, LLC
Annual Dock Wall Observation
Consent Decree – Case No. 2:96-CV-96-RL-1

Attachment 1 – Summary Report of the Annual dock Wall Inspection

ArcelorMittal Burns Harbor, LLC
 August 24, 2011 and August 26, 2011 Dock Wall Inspection
 Performed by: Weaver Boos Consultants

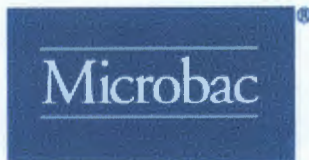
ID Number	Height Above Water (feet)	Estimated Flow Rate (Liters/minute)	Estimated Flow (Gal/Min)	Ammonia Concentration* (mg/L)	Ammonia Discharge (Pounds/day)	Date of Repair
11-1	7.0	2	0.53	6.6	.04	TBD
11-2	7.0	2	0.53	4.8	.03	09-17-11
11-3	3.0	2	0.53	1.1	.007	09-17-11
11-4	6.0	3	0.26	1.7	.02	09-17-11
11-5	2.0	3	0.53	9.2	.09	09-17-11
11-6	3.0	3	0.53	3.9	.04	09-17-10

Total Potential Ammonia Discharge (pounds per day) from all locations: 0.22

* Results reported are the larger of the sample and duplicate analysis.

ArcelorMittal Burns Harbor, LLC
Annual Dock Wall Observation
Consent Decree – Case No. 2:96-CV-96-RL-1

Attachment 2 – Nitrogen Ammonia Analytical Results



August 31, 2011

Arcelor Mittal USA, Inc.
250 W US Highway 12
Burns Harbor, IN 46304-9745

Work Order No.: 11H1453

Re: Dockwell - Ammonia

Dear Teri Kirk:

Microbac Laboratories, Inc. - Chicagoland Division received 12 sample(s) on 8/24/2011 12:00:00PM for the analyses presented in the following report as Work Order 11H1453.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

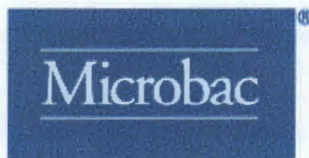
This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Jeff Loewe, Division Manager at jeff.loewe@microbac.com. You may also contact Sean Hyde, Chief Operating Officer at sean.hyde@microbac.com or James Nokes, President at james.nokes@microbac.com.

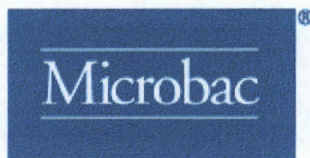
Sincerely,

A handwritten signature in black ink that reads "Carey Gadzala". The signature is written in a cursive, flowing style.

Carey Gadzala
Project Manager

**WORK ORDER SAMPLE SUMMARY****Date:** Wednesday, August 31, 2011**Client:** Arcelor Mittal USA, Inc.**Project:** Dockwell - Ammonia**Lab Order:** 11H1453

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11H1453-01	11-1		08/24/2011 08:15	8/24/2011 12:00:00PM
11H1453-02	11-1D		08/24/2011 08:15	8/24/2011 12:00:00PM
11H1453-03	11-2		08/24/2011 08:22	8/24/2011 12:00:00PM
11H1453-04	11-2D		08/24/2011 08:22	8/24/2011 12:00:00PM
11H1453-05	11-3		08/24/2011 08:30	8/24/2011 12:00:00PM
11H1453-06	11-3D		08/24/2011 08:30	8/24/2011 12:00:00PM
11H1453-07	11-4		08/24/2011 08:37	8/24/2011 12:00:00PM
11H1453-08	11-4D		08/24/2011 08:37	8/24/2011 12:00:00PM
11H1453-09	11-5		08/24/2011 08:45	8/24/2011 12:00:00PM
11H1453-10	11-5D		08/24/2011 08:45	8/24/2011 12:00:00PM
11H1453-11	11-6		08/24/2011 08:53	8/24/2011 12:00:00PM
11H1453-12	11-6D		08/24/2011 08:53	8/24/2011 12:00:00PM



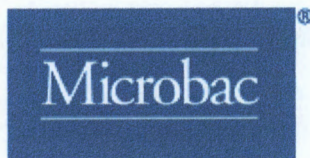
Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-1
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1453-01
Sampled: 08/24/2011 8:15
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: BINIK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	6.5	0.10	B	mg/L	1	08/31/2011 11:36



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-1D

Work Order/ID: 11H1453-02

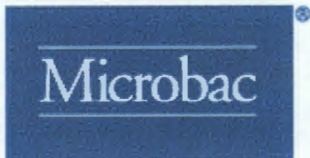
Sample Description:

Sampled: 08/24/2011 8:15

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: EINH	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	6.6	0.10	B	mg/L	1	08/31/2011 11:42



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-2

Work Order/ID: 11H1453-03

Sample Description:

Sampled: 08/24/2011 8:22

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: EINI	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	4.4	0.10	B	mg/L	1	08/31/2011 11:48



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-2D

Work Order/ID: 11H1453-04

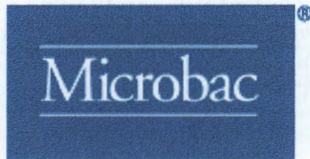
Sample Description:

Sampled: 08/24/2011 8:22

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 380.1 Rev 2.0				Analyst: ENIK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:53	
Nitrogen, Ammonia (As N)	A	4.8	0.10	B	mg/L	1	08/31/2011 11:50



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-3

Work Order/ID: 11H1453-05

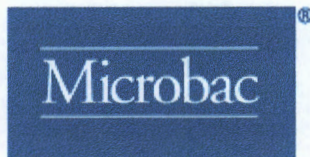
Sample Description:

Sampled: 08/24/2011 8:30

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 390.1 Rev 2.0				Analyst: ENIK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	1.0	0.10	B	mg/L	1	08/31/2011 11:52



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-3D

Work Order/ID: 11H1453-06

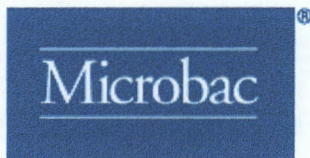
Sample Description:

Sampled: 08/24/2011 8:30

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: BENIK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	1.1	0.10	B	mg/L	1	08/31/2011 11:54



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.

Client Project: Dockwell - Ammonia

Client Sample ID: 11-4

Work Order/ID: 11H1453-07

Sample Description:

Sampled: 08/24/2011 8:37

Matrix: Aqueous

Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Method: EPA 350.1 Rev 2.0			Analyst: ENIK				
Prep Method: Aqueous Ammonia Distillation			Prep Date/Time: 08/31/2011 08:55				
Nitrogen, Ammonia as N	A	1.7	0.10	B	mg/L	1	08/31/2011 11:58



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-4D
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1453-08
Sampled: 08/24/2011 8:37
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: BINK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	1.7	0.10	B	mg/L	1	08/31/2011 11:58



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-5
Sample Description:
Matrix: Aqueous

Work Order ID: 11H1453-09
Sampled: 08/24/2011 8:45
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: BINK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	0.2	0.10	B	mg/L	1	08/31/2011 12:00



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-5D
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1453-10
Sampled: 08/24/2011 8:45
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: EINI/K	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	9.2	0.10	B	mg/L	1	08/31/2011 12:01



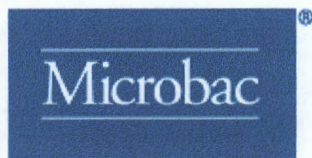
Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-6
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1453-11
Sampled: 08/24/2011 8:53
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: ENIK	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	3.7	0.10	B	mg/L	1	08/31/2011 12:03



Analytical Results

Date: Wednesday, August 31, 2011

Client: Arcelor Mittal USA, Inc.
Client Project: Dockwell - Ammonia
Client Sample ID: 11-8D
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1453-12
Sampled: 08/24/2011 8:53
Received: 08/24/2011 12:00

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: EPA 350.1 Rev 2.0				Analyst: EINI	
Nitrogen, Ammonia as N		Prep Method: Aqueous Ammonia Distillation				Prep Date/Time: 08/31/2011 08:55	
Nitrogen, Ammonia (As N)	A	3.9	0.10	B	mg/L	1	08/31/2011 12:05

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed
mg/L	=	Milligrams per Liter (ppm)
mg/Kg	=	Milligrams per Kilogram (ppm)
U	=	Undetected
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)
B	=	Detected in the associated method Blank at a concentration above the routine PQL/RL
D	=	Dilution performed on sample
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if used)
E	=	Value above quantitation range
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time
I	=	Matrix Interference
R	=	RPD outside accepted recovery limits
S	=	Spike recovery outside recovery limits
Surr	=	Surrogate
DF	=	Dilution Factor
RL	=	Reporting Limit
MDL	=	Method Detection Limit
NR	=	Not Recovered

ANALYTE TYPES: (AT)

A,B	=	Target Analyte
I	=	Internal Standard
M	=	Summation Analyte
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate
BS	=	Method Blank Spike	BSD	=	Method Blank Spike Duplicate
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification
PDS	=	Post Digestion Spike	SD	=	Serial Dilution
OPR	=	Ongoing Precision and Recovery Standard			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

The American Association for Laboratory Accreditation [A2LA] for Biological Testing, ISO/IEC 17025 (Certificate# 3045.01)

The American Association for Laboratory Accreditation [A2LA] for Environmental Department of Defense Testing, ISO/IEC 17025 (Certificate# 3045.02)

Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #200064)

Illinois Department of Public Health for the microbiological analysis of drinking water (registry #1755266)

Indiana DEM approved support laboratory for solid waste and wastewater analyses

Indiana SDH for the chemical analysis of drinking water (lab #C-45-03)

Indiana SDH for the microbiological analysis of drinking water (lab #M-45-8)

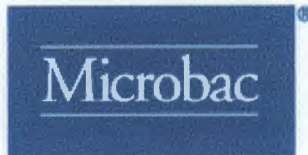
Kansas Department of Health and Environment for the analysis of drinking water, wastewater, and solid hazardous waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Certificate No. E-10397)

Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #75)

North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)

Pennsylvania Department of Environmental Protection (Registration No.: 68-04863)

Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)



COOLER INSPECTION

Client Name: Arcelor Mittal USA, Inc.

Date: Wednesday, August 31, 2011

Date/Time Received: 08/24/2011 12:00

Work Order Number: 11H1453

Received by: Dave Bryant

Checklist completed by: 8/24/2011 12:15:00PM | Ken Smith

Reviewed by: 8/24/2011 | CAG

Carrier Name: Client Delivered

Cooler ID: Default Cooler

Container/Temp Blank Temperature: 2.30°C

After-Hour Arrival?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Shipping container/cooler in good condition?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample containers?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
COC present?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC included sufficient client identification?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC included sufficient sample collector information?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC included a sample description?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC agrees with sample labels?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC identified the appropriate matrix?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC included date of collection?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC included time of collection?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC identified the appropriate number of containers?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Samples in proper container/bottle?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Sample containers intact?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
All samples received within holding time?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
If the samples are preserved, are the preservatives identified?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	

If No, adjusted by? _____

COC included the requested analyses?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC signed when relinquished and received?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Samples received on ice?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Samples properly preserved?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Voa vials for aqueous samples have zero headspace?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>

Cooler Comments: _____

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.



Sample ID	Client Sample ID	Comments
11H1453-01	11-1	
11H1453-02	11-1D	
11H1453-03	11-2	
11H1453-04	11-2D	
11H1453-05	11-3	
11H1453-06	11-3D	
11H1453-07	11-4	
11H1453-08	11-4D	
11H1453-09	11-5	
11H1453-10	11-5D	
11H1453-11	11-6	
11H1453-12	11-6D	

Microbac

Samples
Submitted to:[] 250 West 84th Drive
Merrillville, IN 46410
Tel: 219-769-8378
Fax: 219-769-1664[] 5713 West 85th Street
Indianapolis, IN 46278
Tel: 317-872-1375
Fax: 317-872-1379

Chain of Custody Record

Number 105047

Instructions on back

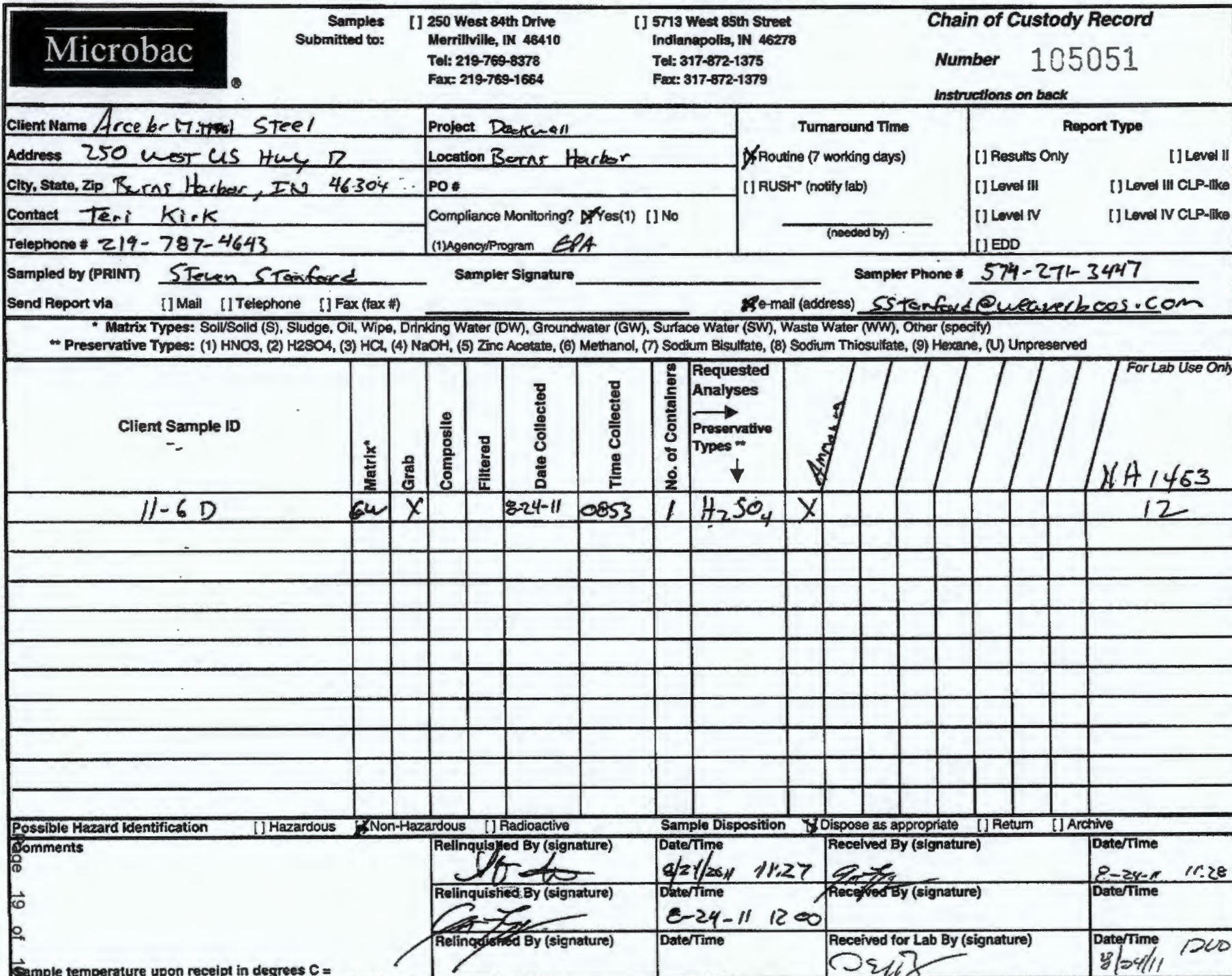
Client Name <u>ARCERMITAL STEEL</u>	Project <u>DOCK WALL</u>	Turnaround Time <input checked="" type="checkbox"/> Routine (7 working days) <input type="checkbox"/> RUSH* (notify lab) (needed by)	Report Type	
Address <u>250 W. US HWY R</u>	Location <u>BURNS HARBOR</u>		<input type="checkbox"/> Results Only	<input type="checkbox"/> Level II
City, State, Zip <u>BURNS HARBOR, IN 46304</u>	PO #		<input type="checkbox"/> Level III	<input type="checkbox"/> Level III CLP-like
Contact <u>TERI KIRK</u>	Compliance Monitoring? <input checked="" type="checkbox"/> Yes(1) <input type="checkbox"/> No		<input type="checkbox"/> Level IV	<input type="checkbox"/> Level IV CLP-like
Telephone # <u>219-767-4643</u>	(1) Agency/Program <u>EPA</u>		<input type="checkbox"/> EDD	
Sampled by (PRINT) <u>STEVEN STANFORD</u>		Sampler Signature <u>[Signature]</u>		Sampler Phone # <u>219-808-3608</u>
Send Report via <input type="checkbox"/> Mail <input type="checkbox"/> Telephone <input type="checkbox"/> Fax (fax #)		e-mail (address)		

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types →	Ammonia									For Lab Use Only
11-1	GW	Y		N	8-24-11	0815	1	H ₂ SO ₄	X									11H1453 01
11-1D						0815												02
11-2						0822												03
11-2D						0822												04
11-3						0830												05
11-3D						0830												06
11-4						0837												07
11-4D						0837												08
11-5						0845												09
11-5D						0845												10
11-6						0853												11

Possible Hazard Identification	<input type="checkbox"/> Hazardous	<input checked="" type="checkbox"/> Non-Hazardous	<input type="checkbox"/> Radioactive	Sample Disposition	<input type="checkbox"/> Dispose as appropriate	<input type="checkbox"/> Return	<input type="checkbox"/> Archive
Comments	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time			
	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time			
	Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time			
Sample temperature upon receipt in degrees C =							





CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. James Filippini
Mr. Douglas Lamb
Water Division Compliance Branch
United States Environmental Protection Agency, Region V
77 West Jackson Boulevard (WC-15J)
Chicago, Illinois 60604-3590

October 14, 2011
PJ/DW

Subject: Annual Dock Wall Observation and Repair
Consent Decree – Case No. 2:96-CV-96-RL-1
ArcelorMittal Burns Harbor LLC

Reference: Letter, R. A. Maciel to Messrs. Filippini and Lamb, same subject, dated September 22, 2011

Dear Messrs. Filippini and Lamb:

As indicated in the referenced letter, attached are the summary table from the Reference which has been updated to include the dates of repair and photographs of each of the six (6) locations after repair. Due to the nature of the repairs all but discharge 11-1 were completed on September 17, 2011. Repairs to discharge 11-1 were completed on October 7, 2011.

If there are any questions concerning this matter, please contact T. E. Kirk or me at (219) 787-2712.

Very truly yours,

R. A. Maciel, Manager
Environmental Management Department

Attachments

CC: J. Jungmann, EPA Region 5 Water Division (WC-15J)
D. P. Bley

ArcelorMittal Burns Harbor, LLC. T +1 219 787 2712
Environmental Mgmt. Dept. F +1 219 787 4973
250 W. U.S. Highway 12 www.arcelormittal.com
Burns Harbor, IN 46304
USA

RECEIVED

OCT 25 2011

**WATER ENFORCEMENT & COMPLIANCE
ASSURANCE BRANCH, EPA, REGION 5**

ArcelorMittal Burns Harbor, LLC
Annual Dock Wall Observation
Consent Decree – Case No. 2:96-CV-96-RL-1

Attachment 1 – Summary Report of the Annual dock Wall Inspection

ArcelorMittal Burns Harbor, LLC
August 24, 2011 and August 26, 2011 Dock Wall Inspection
Performed by: Weaver Boos Consultants

ID Number	Height Above Water (feet)	Estimated Flow Rate (Liters/minute)	Estimated Flow (Gal/Min)	Ammonia Concentration* (mg/L)	Ammonia Discharge (Pounds/day)	Date of Repair
11-1	7.0	2	0.53	6.6	.04	10-07-11
11-2	7.0	2	0.53	4.8	.03	09-17-11
11-3	3.0	2	0.53	1.1	.007	09-17-11
11-4	6.0	3	0.26	1.7	.02	09-17-11
11-5	2.0	3	0.53	9.2	.09	09-17-11
11-6	3.0	3	0.53	3.9	.04	09-17-11

Total Potential Ammonia Discharge (pounds per day) from all locations: 0.22

* Results reported are the larger of the sample and duplicate analysis.